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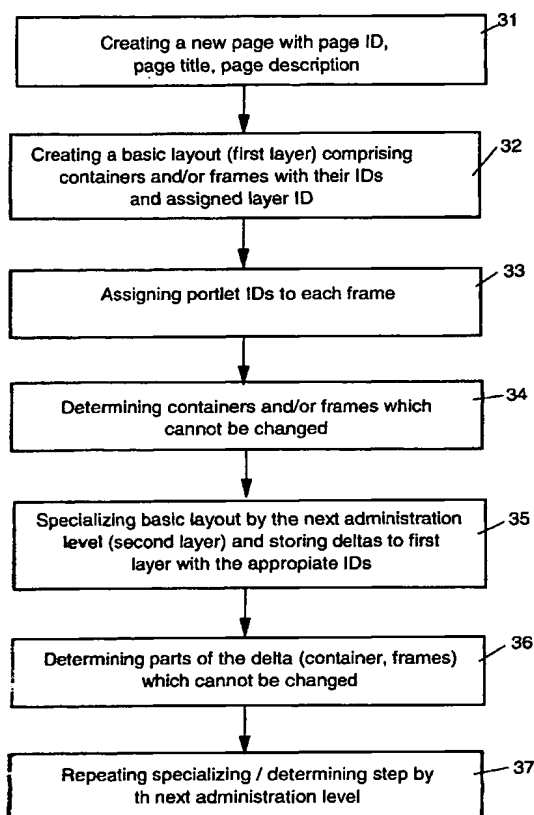
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR HIERARCHICAL LAYOUT SPECIALIZATION



(57) Abstract: The present invention discloses a system and method for delegated page specialization based on a page layer concept. A page consist of a set of layers. Except the first layer each layer represents a delta (container, frames) in its layout to its previous layer introduced on the corresponding level of administration. Administrators can modify the previous layers by defining new immutable and optional containers or frames on the page (delta). Only the deltas to the previous layers are stored with assignments to their parent layers. Immutable containers or frames of previous layers cannot be modified. The final page is automatically constructed as an union of deltas being stored in a so called tree-structure. The delegated page specialization is preferably accomplished via a GUI-component which supports the administrators.

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## INTERNATIONAL SEARCH REPORT

Intern ... Application No

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F17/21

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 327 628 B1 (CHASTON MILES ET AL) 4 December 2001 (2001-12-04) abstract; figure 7 column 2, line 1 - line 21 column 7, line 57 - column 10, line 50; figures 2,4,6,7 column 13, line 21 - column 17, line 19; figures 2,10-13	1-21
A	US 6 023 715 A (KISH JOHN W ET AL) 8 February 2000 (2000-02-08) abstract; figure 3A column 2, line 14 - line 59 column 6, line 15 - line 58; figures 3A,3B column 7, line 57 - column 8, line 29; figures 4A,4B column 10, line 59 - line 65	1-21

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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		WO 0190945 A2	29-11-2001
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